

## Message Text

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ORIGIN OES-07

INFO OCT-01 EUR-12 ISO-00 COME-00 PM-04 DODE-00 INT-05  
NSF-02 CIAE-00 INR-07 NSAE-00 /038 R

DRAFTED BY OES/OFA/MST:WERB:LAC  
APPROVED BY OES/OFA/MST:WERB  
EUR/CAN JROUSE  
-----190930Z 081187 /10

R 181646Z MAY 77  
FM SECSTATE WASHDC  
TO AMEMBASSY OTTAWA  
INFO AMCONSUL VANCOUVER

UNCLAS STATE 114137

E.O. 11652: N/A

TAGS: OCLR, TGEN, TPHY, CA

SUBJECT: R/V SNOW GOOSE CLEARANCE REQUESTS, 24 JULY  
THROUGH 26 AUGUST 1977

1. R/V SNOW GOOSE IS PLANNING TO CONDUCT SEVERAL RESEARCH  
CRUISES IN CANADIAN WATERS WHILE UNDER CHARTER TO THE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA).  
ALL THE CRUISES ARE IN SUPPORT OF THE MARINE ECOSYSTEMS  
ANALYSIS PROJECT (MESA) AND WILL TAKE PLACE IN THE STRAIT  
OF JUAN DE FUCA AND NORTHERN PUGET SOUND.

2. FOR EASE OF PROCESSING, ALL THE CRUISES ARE BEING  
SUBMITTED AS A PACKAGE FOR CONSIDERATION BY THE GOC. THE  
CRUISES HAVE BEEN DESIGNATED A THROUGH E AND DESCRIPTIONS  
OF EACH FOLLOW. A STATION LOCATION CHART FOR EACH IS  
BEING POUCHED.

A. 19-22 JULY 1977 - THE OPERATION IS AN STD (SALINITY/  
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TEMPERATURE/DEPTH) SURVEY CONSISTING OF A MID-CHANNEL  
TRANSECT ALONG THE STRAIT OF JUAN DE FUCA AND FIVE CROSS-  
CHANNEL TRANSECTS (FROM PORT ANGELES TO BEYOND CAPE  
FLATTERY). AT SEVERAL STATIONS WATER SAMPLES WILL BE  
TAKEN WITH NISKIN BOTTLES. THE CHIEF SCIENTIST IS JAMES  
HOLBROOK OF THE PACIFIC MARINE ENVIRONMENTAL LABORATORY  
(PMEL).

B. 24-31 JULY 1977 - THE PURPOSE OF THIS CRUISE IS TO DETERMINE SUSPENDED MATTER DISTRIBUTION AND ITS PETROLEUM HYDROCARBON CONTENT. CONTINUOUS VERTICAL PROFILES OF LIGHT SCATTERING INTENSITY (NEPHELOMETER PROFILES) AND WATER SAMPLING WITH NISKIN BOTTLES WILL BE CONDUCTED. STD PROFILES WILL BE TAKEN SIMULTANEOUSLY WITH NEPHELOMETER CASTS. PRINCIPAL SCIENTISTS INCLUDE ED BAKER, JOEL CLINE AND RICHARD FEELEY, ALL FROM PMEL.

C. 1-5 AUGUST 1977 - THE PURPOSE OF THIS CRUISE IS TO RECOVER FIVE SUBSURFACE CURRENT METER ARRAYS, ONE OF WHICH IS IN CANADIAN WATERS. THE METERS WERE DEPLOYED IN JUNE BY THE NOAA SHIP DISCOVERER. AN STD TRANSECT WILL BE MADE IF TIME PERMITS. GLENN CANNON OF PMEL IS THE CHIEF SCIENTIST.

D. 9-11 AUGUST 1977 - THIS CRUISE WILL HELP DETERMINE THE ABUNDANCE, SPECIES COMPOSITION, AND SEASONAL VARIANCE OF ICHTHYOPLANKTON, ZOOPLANKTON, AND PHYTOPLANKTON IN THE STRAIT OF JUAN DE FUCA. THE MARINE RESOURCES SUBJECT TO DAMAGE IN THE EVENT OF AN OIL SPILL WILL THUS BE DETERMINED. AT THREE STATIONS IN CANADIAN WATERS OBLIQUE TOWS WILL BE MADE IN THE UPPER 50 METERS TO SAMPLE FISH EGGS AND LARVAE. WATER SAMPLES WILL BE TAKEN FOR PHYTOPLANKTON SPECIES AND CHLOROPHYLL ANALYSIS. A RING NET, NEUSTON NET, WATER BOTTLES, AND STD WILL BE USED. JERRY LARRANIE OF PMEL IS THE CHIEF SCIENTIST. (NOTE: STATE 088861 REQUESTED CLEARANCE FOR THIS CRUISE UNCLASSIFIED

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AS WELL AS FOR 1-3 JUNE AND 18-20 OCT. IF ALREADY SUBMITTED TO GOC EMBASSY SHOULD EXCLUDE FROM THIS REQUEST OR IF NOT SUBMITTED THE CRUISES OF STATE 088861 COULD BE ADDED TO THIS REQUEST.)

E. 23-26 AUGUST 1977 - THIS CRUISE IS IDENTICAL TO THE ONE DESCRIBED UNDER A. 19-22 JULY 1977.

3. R/V SNOW GOOSE IS 99 GROSS TONS, 70 FT. LONG WITH A 7 FT. DRAFT. SHIP'S CAPTAIN IS BENJAMIN ROOT WITH A

CREW OF 4 AND SCIENTIFIC PARTY OF APPROXIMATELY 6. RADIO CALL SIGN IS WYW 8042.

4. ALL DATA WILL BE FREELY SHARED WITH THE GOC AND ONE BERTH IS AVAILABLE FOR A CANADIAN PARTICIPANT ON ALL THE CRUISES.

5. ACTION: EMBASSY IS REQUESTED TO SEEK CLEARANCE FOR

R/V SNOW GOOSE TO CONDUCT MARINE SCIENTIFIC RESEARCH IN

GOC WATERS FOR CRUISES A THROUGH E DESCRIBED ABOVE  
(OR AS NOTED PARA 2D). CHRISTOPHER

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## Message Attributes

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**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
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**To:** OTTAWA  
**Type:** TE  
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**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009